3rd Qrtr.

WASTE MANAGEMENT
SURFACE EMISSION MONITORING
CALIBRATION AND PERTINENT DATA

Date: 7.23.15 Site Name: Cottonwood Hills

WEATHER OBSERVATIONS

Wind Speed: 2 MPH Wind Direction: NW Barometric Pressure: 29.3

Air Temperature: 88 deg F General Weather Conditions: Sunny / Hot

CALIBRATION INFORMATION

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID: 30987664 Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	0	493	7
2	0	496	4
3	0	494	6

Average Difference: 5.66

Calibration Precision = Average Difference/Cal Gas Conc. X 100%
1.13

Post-monitoring Calibration Check

Zero Air Reading: 0 ppm Cal Gas Reading: 501 ppm

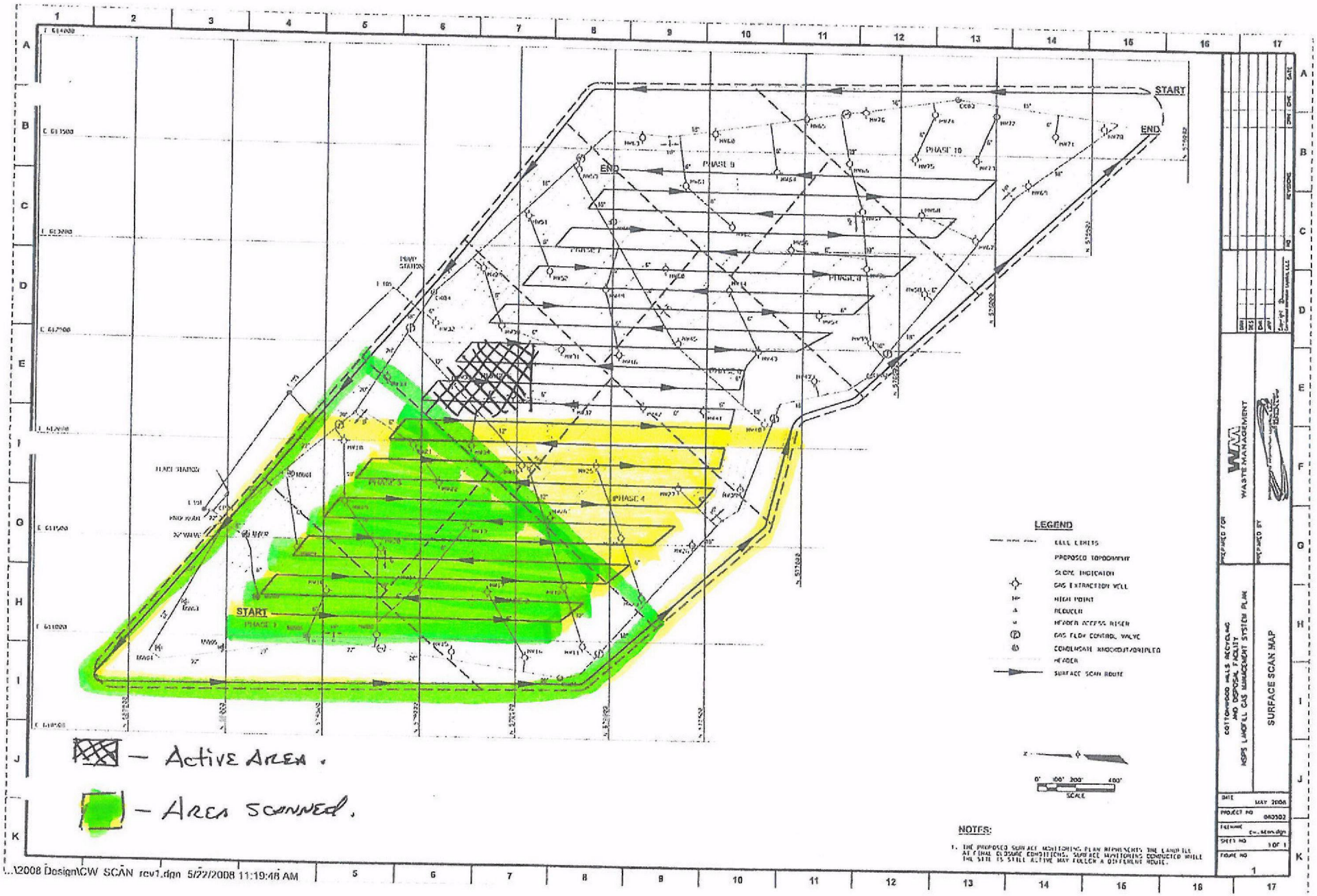
BACKGROUND CONCENTRATION CHECKS

Upwind Location Description: NW Access Rd. Reading: 3.17 ppm

Downwind Location Description: SE Access Rd. Reading: 7.92 ppm

NOTES:
Nothing over 180 ppm.

SEM Cal Form



— Active Area.

— Area scanned.

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